

REPLACEMENT SHEET



GAAGTGAAAT CTGAATAATT TTGTGTTACT CATAGCGCGT AATATTTGTC 50

TAGGGCCGCG GGACTTTGAC CGTTTACGTG GAGACTCGCC CAGGTGTTTT 100

... Verpackungsse-
TCTCAGGTGT TTTCCGCGTT CCGGGTCAAA GTTGGCGTTT TATTATTATA 150

quenz| BamHI KpnI
GTCAGGGGGA TCCGGAATTC TTGAAGACGA AAGGGCCCGG TACCCAGGAC 200

TGATTCTCGG AAAGTTCTAG GCTGCAGAAA TCTCACACGC ACAAGAGTTT 250

GGAGTCACAG GATGGGTGTC CGCCAAGAGC CTAGGGACAG AACGTTGTCA 300

GCCCCTGTGC CCGGACCCTG TGGACTGTGA GAAGAGCAGA GTCCCACCCC 350

CAGGCCTTCT TAGACCCACC CCGGGTTTTT CCAGCATCCT TCCTGCAGGA 400

CCGGACCCCT GGCTGAAAGT ACAGAAACCC TAGAGTCTGC AGCCCATGTG 450

GCTGGGCCGC CATGTTTCCA GAATCCTCTG GTCTAAGGAT CCAGACCTCT 500

TACGGAGCCC AACAGCTCAA GGGACAGTTA GCATGTTTAT GTGTACTGGG 550

AGGAGCAGGA GCCAACAGAG GTCATGAAGA TCCACAGGGG CTCCGGTTCC 600

GAGGCCCTTG GGTTTTATCA CCAAATGTTT CCCACCCAGC AACATAAAAC 650

AGCTCCTCAG ACAGCGCAGT GGACCAGTGG ACCACAGGGA CAGATCACCT 700

Sequenz
CTGTGGGCCC AGACTCATAG TAACCTCTAA CCTCAATCTC CAGCCTCCCA 750

CAGTCATTGT CGGTCACCTT GTTTCTCAGC CACCACACTT GGCAAGTCAC 800

GTGTGCCTCA ACACAATCTT CAGAAGCCAG GGGGATGGGG TTTTGTTTAA 850

CTGATGGGTG TTTTGTTTTG TTTTGTTTCA TTAAGTGTCA CGTAGCCCAG 900

GCTAGCCTTG AACTCACTAT GTAGGCAAGC ATGACCATGA ACTTCTGATC 950

FIG.10A

REPLACEMENT SHEET

CTCCTTCCTC	AGTGTCTGG	GATAACAGGT	GTGTGTCACT	CCCTACCCTT	1000
CTAATAGCAA	TATGTGGCCA	CATGTTTGTG	CCCCACAGGT	TGAGACCATC	1050
TTGACCTGAG	GAAGAAATAG	CTAACACTCA	CCTCCTGAAG	GTTGCCTGGA	1100
TCTCGTCTTT	GTCTTTCCAG	CACTCAGGAG	TGGGGGGGTC	AGAAGTGCAA	1150
AGTCAGCCCC	TGCTACATAA	TGAGTTCAAG	GCTCGCCTGG	GCTACATGAG	1200
ACCATGCCTC	AAAAAGAAAA	GGAATTGGTA	TAGTGACATA	CTCTGGTCCT	1250
CCCAGTACTT	AGGGACACAG	AGGCCACTCC	ACCACCATCT	CCAGCAGCTG	1300
GCCTGCCTCC	CCGAGCCTCG	TTTATTTTAT	ATCAATGAGA	TGGGGACCCA	1350
ACTGCTAAGG	TGACCTTGCA	CCCACGGGGT	GACTGGAGAC	TTGAGAGTGG	1400
AGGGTTTATC	ATTTCTCCAG	TCGGTCAGCA	AGTGGTCGCC	GCCAAGAAGG	1450
TTTTGAGTTC	AAAGTAGAAG	ATGGGACAGG	GAGAGACCAG	CGAGAAGACC	1500
CCACCCTGGA	GCTGACTGTC	CCTGTGCGGC	TGGGTGGGGA	CACAAAGCAG	1550
AGAAGCAGAG	GCAGAGAACA	AGGGTGGGTG	ACATTTGAGC	AAGGATGGGG	1600
GTGTGCCAGA	GGCTGCCCAA	GATGCATAGG	TGCAAAGGCC	CTGAGGTTCG	1650
AGGATGCCTG	GATCCGGAAT	CAAAGCTCAG	GCTCCTCCCT	CTTCCTCCTC	1700
CTCCTCTGCC	CCCTCCTCCT	CCTCTGCCCC	CTCTTCCTCC	TCTGCCCCCT	1750
CTTCTTCCTC	CTCCTCTTCC	TCCTCCCCTC	CTCATCTACC	TCCTTCTCCT	1800
CCTCCTCCCC	CTCCTCTTCC	TCCTCTGCCC	CCTCTTCCTC	CTCCTCCTCT	1850
TCCTCCTCCT	CTTCCTCCTC	CCCTCCTCAT	CTACCTCCTT	CTCCTCCTCC	1900

FIG.10B

REPLACEMENT SHEET

TCCCCCTCCT CTCCTCCTC TCCCCCTCT TCCTCCTCTG CCCCTCTTCC 1950
 TCCTCCTCCT CTCCTCCTC TCCCCCTCC TCCCCCTCCT CTCCTCTTC 2000
 CTCCTCCCCT CCTCATCTAC CTCCTTCTCT TCCTCCTCTT CTCCTCCTC 2050
 TTTCTCCTCC TCCTCCCTCT CCTCTTCCTC CTCCTCTTCT TTCTCCTCCT 2100
 CCTCTTCCTC CCCCTCCCCT TCCTGGGTGA CTTTTCCCCA TTAGACAATG 2150
 GCAGGACCCA GAGCACAGAG CATCGTTCCC AGGCCAGGCC CCAGCCACTG 2200
 HF-3 Element MLE1 Element
 TCTCTTTAAC CTTGAAGGCA TTTTGGGTC TCACGTGTCC ACCCAGGCGG 2250
 HF-2 Element
 GTGTCGGA CTGAACGGCT CTTACTTCAG AAGAACGGCA TGGGGTGGGG 2300
 E-Box HF-1a | HF-
 GGGCTTAGGT GGCCTCTGCC TCACCTACAA CTGCCAAAAG TGGTCATGGG 2350
 1b Element
GTTATTTTTTA ACCCCAGGGA AGAGGTATTT ATTGTTCCAC AGCAGGGGCC 2400
 ←H1
 GGCCAGCAGG CTCCTTGAAT TCGACCCCTT CGAGCTTGGC ATTCCGGTAC 2450
 | Luciferase-kodierende Sequenz ...
 TGTTGGTAAA ATGGAAGACG CCAAAAACAT AAAGAAAGGC CCGGCGCCAT 2500
 TCTATCCTCT AGAGGATGGA ACCGCTGGAG AGCAACTGCA TAAGGCTATG 2550
 AAGAGATACG CCCTGGTTCC TGAACAATT GCTTTTACAG ATGCACATAT 2600
 CGAGGTGAAC ATCACGTTCC CGGAATACTT CGAAATGTCC GTTTCGGTTG 2650
 GCAGAAGCTA TGAAACGATA TGGGCTGAAT ACAAATCACA GAATCGTCGT 2700
 ATGCAGTGAA AACTCTCTTT CAATTCTTTA TGCCGGTGTT GGGCCCGTTA 2750
 TTTATCCGGA GTTGCAAGTTG CCGCCCGCCG AACA

FIG.10C